International Journal of Cardiology, 23 (1989) 421–424
Elsevier

Contents Volume 23

Number 1

REVIEWS

Adenosine: cellular mechanisms, pathophysiological roles and clinical applications (IJC 00830) *B. Clarke and M. Coupe (U.K.)* 1

The urinary bladder and cardiovascular reflexes (IJC 00831) *D.A.S.G. Mary (U.K.)* 11

ORIGINAL STUDIES

CARDIAC SURGERY

Surgical experience with diseases of the tricuspid valve. Cross-sectional and Doppler echocardiographic evaluation following DeVega's repair (IJC 00823) *P. Kulshrestha, B. Das, K.S. Iyer, A. Sampathkumar, M.L. Sharma, I.M. Rao, U. Kaul, S. Srivastava, M.L. Bhatia and P. Venugopal (India)* 19

CARDIOVASCULAR RESEARCH

In vitro buffering capacity of cardiac and skeletal muscle tissue in normotensive and hypertensive rats. Assessment using PCO_2 equilibration of homogenates (IJC 00832) *P.J. Oldershaw and I.R. Cameron (U.K.)* 27

CLINICAL CARDIOLOGY

Angiographic findings in patients exhibiting ischemia after oral dipyridamole (IJC 00827) *K.S. Virtanen, S. Mattila, A. Järvinen and M.H. Frick (Finland)* 33

Failure of oral atenolol and verapamil to increase the capacity and duration of exercise in patients in sinus rhythm with mitral stenosis (IJC 00835) *M. Misra, K. Bhandari, R. Thakur and V.K. Puri (India)* 37

Myocardial metabolism of glutamate and left ventricular function in patients with coronary arterial disease (IJC 00836) *O.I. Pisarenko, A.V. Baranov, E.V. Pomerantsev, I.M. Studneva and N.A. Pavlov (U.S.S.R.)* 43

High dose nalbuphine in early acute myocardial infarction (IJC 00837) *T.G. Trouton and A.A.J. Adgey (N. Ireland)* 53

Acute and chronic effects of ramipril and captopril in congestive heart failure (IJC 00839) *P.A. De Graeff, J.H. Kingma, J.W. Viersma, H. Wesseling and K.I. Lie (The Netherlands)* 59

ELECTROCARDIOGRAPHY

The role of esophageal leads in the detection of exercise-induced postero-basal ischemia (IJC 00826) *S.R. Mittal, J.P. Sethi and D. Sharma (India)* 69

IMAGING

First passage radionuclide cardiography for determination of cardiac output: evaluation of an improved method (IJC 00824) *H. Kelbæk, L. Heslet, K. Skagen, O. Munck and J. Godtfredsen (Denmark)* 79

Limitations of Doppler ultrasound in the diagnosis of neonatal coarctation of the aorta (IJC 00833) *N. Wilson, G.R. Sutherland, J.L. Gibbs, D.F. Dickinson and B.R. Keeton (U.K.)* 87

Utility of color flow imaging for visualizing shunt flow in atrial septal defect (IJC 00840) *B.K. Khandheria, C. Shub, A.J. Tajik, C.L. Taylor, D.J. Hagler and J.B. Seward (U.S.A.)* 91

PEDIATRIC CARDIOLOGY

Radionuclide evaluation of ventricular function at rest and during exercise in double inlet ventricle (IJC 00821) *C. Rapezzi, F.M. Picchio, M. Bonvicini, F. Tartagni, I. Rubino, G. Crupi and B. Magnani (Italy)* 99

Multiple pulmonary arteriovenous fistulas in childhood (IJC 00822) *W.B. Knight, A. Bush, C.M. Busst, S.G. Haworth, J.J. Bowyer and E.A. Shinebourne (U.K.)* 105

A communication from the left ventricle to the right atrium: a defect in the central fibrous body (IJC 00834) *R. McKay, S.A. Battistessa, J.L. Wilkinson and J.P. Wright (U.K.)* 117

BRIEF REPORTS

Intermittent superior caval venous syndrome due to permanent transvenous electrode (IJC 08381) *D. Antonelli, T. Rosenfeld and Z. Kaveh (Israel)* 125

0167-5273/89/$03.50 © 1989 Elsevier Science Publishers B.V. (Biomedical Division)

Fixed subaortic stenosis with congenital aneurysm of sinus of Valsalva – cross-sectional and Doppler echocardiographic diagnosis of a rare association (IJC 08382) *A.S. Sundar, S. Radhakrishnan and S. Shrivastava (India)* 127

Congestive heart failure associated with diabetes mellitus (IJC 08383) *T. Fukuhara, H. Fujioka and M. Kinoshita (Japan)* 130

Digital subtraction venography for assessment of deep venous thrombosis in the arms following pacemaker implantation (IJC 08384) *S. Sharma, U. Kaul and M. Rajani (India)* 135

Platelet aggregation and arrhythmias after myocardial infarction (IJC 08385) *J. Gębalska, M. Dłużniewski and L. Ceremużyński (Poland)* 137

Letters to the Editor 139

BOOK REVIEWS

Mitral Valve Prolapse, *edited by H. Boudoulas and C.F. Wooley, reviewed by G. Stellin* 141

Two-dimensional Echocardiographic Atlas. Vol. 1. Congenital Heart Disease, *edited by J.B. Seward et al., reviewed by R.H. Anderson* 142

Basic Concepts in Doppler Echocardiography, *edited by J.V. Chapman and A. Scalambro, reviewed by S.A. Qureshi* 142

Funktionsdiagnostik des gesunden und kranken Herzens, *edited by H. Reindell et al., reviewed by R. Oberhoffer* 143

Meetings and Courses 145

Information for Authors 149

Number 2

EDITORIALS

What's happening in the cardiovascular world? (IJC 00858) *R.E. Vlietstra, R.L. Frye, R.H. Anderson, M. Tynan and C. Kawai (U.S.A., U.K., Japan)* 151

Topical issues – a U.S. viewpoint (IJC 00859) *R.E. Vlietstra and R.L. Frye (U.S.A.)* 153

REVIEW

Proposed role of calcium in reperfusion injury (IJC 00841) *L.H. Opie (South Africa)* 159

ORIGINAL STUDIES

CARDIOVASCULAR RESEARCH

Effects of dilazep in evolving myocardial infarction in dogs: a biochemical study (IJC 00848) *J.B. Gupta, S.D. Seth, U. Singh and D.S. Vyas (India)* 165

CLINICAL CARDIOLOGY

Validation of a coronary prognostic index for the Chinese – a tale of three cities (IJC 00851) *K.S. Woo, C.O. Pun, R.Y.C. Wang, H. Ma, Z.Z. Huang, R.H. Dai, D.J. Huang and J. Vallance-Owen (Hong Kong, People's Republic of China)* 173

Restenosis is a common feature of the angiographic follow-up after balloon valvoplasty of calcified aortic stenoses (IJC 00844) *H. Sievert, P. Krämer, G. Kober, W.-D. Bussmann and M. Kaltenbach (F.R.G.)* 179

Early treatment with intravenous metoprolol for suspected acute myocardial infarction: a Phase IV United States trial (IJC 00853) *E.M. Antman, W.D. Dupont, J. Bonalsky, R.M. Califf, S. Corwin, L. Fink, D.E. Hansen, D.T. Kawanishi, M.W. Kronenberg, C.R. McKay, G.C. Robertson, M.L. Tenzer, R. Touchon and J.T. Willerson* 185

ELECTROPHYSIOLOGY

Rate-dependent change in dispersion of repolarisation during ventricular pacing in man (IJC 00843) *K. Endresen (Norway)* 199

Recording of the electrocardiogram from the sinus node and direct measurement of the sinuatrial conduction time in children (IJC 00849) *D.L. Zhang, S.L. Chen, Y.A. Xi and X.N. Zhou (People's Republic of China)* 207

Intravenous diltiazem in patients with paroxysmal re-entrant supraventricular tachycardia (IJC 00850) *L. Frabetti, A. Capucci, P.S. Gerometta, C. Cavallini, S. Leto di Priolo and B. Magnani (Italy)* 215

IMAGING

Semiquantitative grading of mitral regurgitation by color-coded Doppler echocardiography (IJC 00845) *S. Mohr-Kahaly, R. Erbel, G. Zenker, M. Drexler, N. Wittlich, M. Schaudig, M. Bohlander, M. Esser and J. Meyer (F.R.G.)* 223

Flow patterns of mitral regurgitation due to different etiologies: analysis by color-coded Doppler echocardiography (IJC 00846) *S. Mohr-Kahaly, R. Erbel, G. Zenker, M. Bohlander, M. Esser and J. Meyer (F.R.G.)* 231

PATHOLOGY

Persistent 5th aortic arch – a great pretender: three new covert cases (IJC 00852) *L.M. Gerlis, S.Y. Ho, R.H. Anderson and P. Da Costa (U.K.)* 239

PEDIATRICS

Epidemiology of rheumatic heart disease among primary school children in Western Kenya (IJC 00847) *G.M. Anabwani, A.B. Amoa and A.K. Muita (Kenya)* 249

BRIEF REPORTS

Aneurysm of the pulmonary trunk in association with minimal pulmonary stenosis (IJC 08561) *J.C. Mohan, P. Jain and R. Arora (India)* 253

Absence of the leaflets of the aortic valve in DiGeorge syndrome (IJC 08562) *R.G. Weintraub, C.W. Chow and R.M. Gow (Australia)* 255

Myocardial bridges at multiple sites over the left coronary artery in a patient with hypertrophic cardiomyopathy (IJC 08563) *W. Voelker, K.D. Schick and K.R. Karsch (F.R.G.)* 258

Balloon pulmonary valvuloplasty in a child with Ebstein's anomaly and valvar pulmonary stenosis (IJC 08564) *M.L. Garrick, D.R. Fischer and J.R. Zuberbuhler (U.S.A.)* 260

Aneurysm of atrial septum associated with rheumatic mitral stenosis simulating tumour of right atrium (IJC 08565) *F.J. Pena Tizon, E. Marin Huerta and J. Pey Illera (Spain)* 264

Haemopericardium in rheumatoid arthritis (IJC 08566) *R.H. Stables, S. Campbell and O.J.M. Ormerod (U.K.)* 268

Percutaneous balloon dilatation of stenotic truncal valve in a newborn (IJC 08567) *L. Ballerini, A. Cifarelli and D. Di Carlo (Italy)* 270

Echocardiographic diagnosis of a left atrial thrombus in a patient with normal prosthetic mitral valve (IJC 08568) *A. Shyam Sundar, S. Radhakrishnan and S. Shrivastava (India)* 273

LETTER TO THE EDITOR

The heart and Whipple's disease (IJC 00881) *P. Sossai, M. DeBoni and R. Cielo (Italy)* 275

BOOK REVIEWS

Heart Dysfunction in Diabetes, *by G.N. Pierce et al., reviewed by I.A. Simpson* 277

Color Blood Flow Imaging of the Heart, *by D.A. Redel, reviewed by I.A. Simpson* 277

Clinical Concepts in Arrhythmias: an Annual Review – 1988, *edited by J.C. Griffin and W.J. Mandel, reviewed by R.H. Anderson* 277

Pathology of the Heart and Great Vessels, *edited by B.F. Waller, reviewed by R.H. Anderson* 278

Meetings and Courses 279

Information for Authors 283

Number 3

EDITORIAL

Slaves of a test *M. Bobbio (Italy)* 287

REVIEW

The changing role of echocardiography in the diagnosis and management of infective endocarditis *J.H. Smyllie, G.R. Sutherland and J. Roelandt (The Netherlands)* 291

ORIGINAL STUDIES

CARDIOLOGY IN THE YOUNG

Internal diameters of the ventriculo-arterial junctions and great arteries of normal infants and children: a data base for evaluation of congenital cardiac malformations *H. Van Meurs-van Woezik, T. Debets and H.W. Klein (The Netherlands)* 303

CARDIOVASCULAR SURGERY

Anomalous origin of the right pulmonary artery from the ascending aorta: repair without cardiopulmonary bypass *C. Fucci, D.C. Di Carlo, R. Di Donato, B. Marino, G. Calcaterra and C. Marcelletti* 309

Changes in activities performed in leisure time after open heart surgery *B. Bunzel and F. Eckersberger (Austria)* 315

Recurrence of aortic coarctation following repair by re-implantation of the subclavian artery *E.J. Ladusans, G. Campalani, J.M. Parsons, S.A. Qureshi, J. Opie, E.J. Baker, M. Tynan and P.B. Deverall (U.K.)* 321

CLINICAL CARDIOLOGY

Coronary arterial surgery in the elderly: its effect in the relief of angina *J.M. Morgan, H.H. Gray, J.C. Clague and D.G. Gibson (U.K.)* 327

Electrocardiographic changes can precede the development of myocardial hypertrophy in the setting of hypertrophic cardiomyopathy *P. Gregor, P. Widimský, V. Červenka, V. Višek and V. Hroboňová (Czechoslovakia)* 335

Endocarditis from a dental focus. Importance of oral hygiene in valvar heart disease *H.*

Verhaaren, G. Claeys, G. Verschraegen, C. De Niel, J. Leroy and D. Clement (Belgium) 343

Prognostic significance of right ventricular infarction diagnosed by ST elevation in right chest leads V_3R to V_7R *H.R. Andersen, D. Nielsen, O. Lund and E. Falk (Denmark)* 349

Bepridil versus verapamil in stable angina pectoris – a controlled clinical trial *H.K. Nielsen, L.R. Krusell, S.E. Husted and R.J. Pluymers (Denmark, The Netherlands)* 357

PHARMACOLOGY

The effects of dopexamine hydrochloride on cardiopulmonary haemodynamics following cardiopulmonary bypass surgery *D.N. Hunter, H. Gray, Y. Mudaliar, C. Morgan and T.W. Evans (U.K.)* 365

Streptokinase improves reperfusion blood flow after coronary artery occlusion *J.K. Mickelson, P.J. Simpson, B.R. Lucchesi, M.T. Gallas, M. Cronin, P.J. Hoff and M.J. McGillem (U.S.A.)* 373

Effect of digoxin and vasodilators on left ventricular function in aortic regurgitation *M.H. Crawford, R.S. Wilson, R.A. O'Rourke and J.A. Vittitoe (U.S.A.)* 385

BRIEF REPORTS

Transient complete atrioventricular block induced by a chest thump in a patient with ventricular tachycardia *A. Katz, J. Henkin and I.A. Ovsyshcher (Israel)* 395

Termination of ventricular tachycardia by carotid sinus stimulation *B.P. Grubb (U.S.A.)* 397

Alternate Wenckebach conduction through the right bundle branch *C.M. Medeiros, M.B. Rossi and N. Medeiros (Brasil)* 400

Unmasking of sinus node dysfunction by ajmaline *R. Bajaj, U. Kaul and J. Narula (India)* 402

Successful embolization of a coronary arterial fistula *J.M. Bennett and E. Maree* 405

Pericardial effusion as a clinical sign of legionnaires' disease *C. Domingo, J. Roig and J. Seres (Spain)* 407

Accelerated atherosclerosis and myocardial infarction complicating anomalous origin of the right from the left coronary artery *A.O. Molajo and C.L. Bray (U.K.)* 409

Tetralogy of Fallot with discrete subaortic shelf; cross-sectional echocardiographic and Doppler diagnosis of a rare association *S. Radhakrishnan and S. Shrivastava (India)* 413

BOOK REVIEWS

Year Book of Cardiology 1988, *edited by R.C. Schlant, reviewed by R.H. Anderson* 415

Neurocardiology, *edited by H.E. Kulbertus and G. Franck, reviewed by R.H. Anderson* 415

Electrophysiology of the Sinoatrial and Atrioventricular Nodes, *edited by T. Mazgalev et al., reviewed by R.H. Anderson* 416

Meetings and Courses 417

Contents Volume 23 423

Subject Index Volume 23 427

Author Index Volume 23 434